ABSTRACT OF THE DISCLOSURE

[0039] A low noise amplifier circuit (10) includes an attenuator (12) for receiving a calibration signal and generating an attenuated calibration signal. A low noise amplifier (14) amplifies the attenuated calibration signal in calibration mode or amplifies a functional signal in functional mode. In calibration mode, a envelope detector/comparator (16) compares the calibration signal with the output of the low noise amplifier and generates a compensation signal indicating a deviation between the two signals. The gain of the low noise amplifier is adjusted responsive to the compensation signal.